Material Safety Data Sheet

TANDY 26-2807

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration (Non-Mandatory Form)

IDENTITY (As Used on Label and List)	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
RICOH LP TONER 10 (BLACK)	

Section I

Manufacturer's Name	Emergency Tel.No. 03-777-8111, Japan
	Tel.No. for information Ditto
Ricoh Company, LTD.	Date Prepared July 25, 1988
Address 1-3-6, Nakamagome, Ota-ku, Tokyo, Japan	

Section II-Hazardous ingredients/Identify Information

Hazardous Components(Specific Chemical Identity; Common Name(s))

		ACGIH	Hazardous chemical		Carcinogens		
Ingredients	Contents(%)	TLV	ACGIH	OSHA	OSHA	NTP	IARC
Styrene acrylic resin	85	X	X	X	X	X	X
(CAS# 25555-10-7)							
Carbon black	10	3.5mg/m³	O	O	X	X	X
(CAS# 1333-86-4)		(TWA)					
Pigment	5	X	X	X	X	X	X
(CAS# Confidential)							

Note X……Not listed, O……listed

Section III-Physical/Chemical Characteristics TANDY 26-2807 pg. 2

Boiling Point	N/A	Specific Gravity(H2O=1)	1.2
Vapor Pressure(mmHg.)	N/A	Softening point	Approx. 80 ℃
Vapor Density(AIR=1)	N/A	Evaporation Rate (Butyl Acetate=1)	N/A

Solubility in water

Negligible: Less than 0.1%

Appearance and Odor

Black powder, no odor

Section IV-Fire and Explosion Hazard Data

Flash Point(Method used) N/A	Flammable limits(%) N/A	LEL	UEL

Extinguishing Media

Foam, water spray(fog), dry chemical or carbon dioxide may be suitable.

Special Fire Fighting Procedures

No special fire fighting procedure is necessary.

Unusual Fire and Explosion Hazards

Will not occur.

Section V-Reactivity Data

Stability	Unstable		Condition to avoid
	Stable	X	

Incompatability(Materials to avoid)

None

Hazardous Decomposition or Byproduct

Carbon monoxide and other decomposition product in case of incomplete combustion.

Section VI-Health Hazard Data

Route(s) of Entry:	Inhalation ?	Skin ?	Ingestion ?
	X	X	

Health Hazards(Acute and Chronic)

Acute oral toxicity(rat): Greater than 5g/kg bodyweight

Skin irritation(rabbit): Not irritating Ames test results: Negative

Carcinogenicity: NTP ?, IARC Monograph ?, OSHA Regulated ?

See Section II

Signs and Symptoms of Exposure

None under normal use condition

Medical Conditions Generally Aggravated by Exposure

Will not occur.

Emergency and First Aid Procedures

Contact with skin: Wash thoroughly with soap and water.

Eye contact : Try to remove or flush out with eye drops. If unsuccessful, get medical attention.

Section VII-Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

If spilled, sweep up or pick up by vacuum cleaner. Remove residue with soap and cold water.

Waste Disposal Method

Used toner should be disposed of in an environmentally safe manner and in accordance with governmental regulations. Do not incinerate.

Fish toxicity (Aquatic bioassay): 96 hr TLm) 0.75 g/l

Precautions to Be Taken in Handling and Storing

Store in cool and dry place. Keep out of reach of children.

Other Precautions

Do not handle in areas where wind blows. Flying powder may enter eyes. Minimize inhalation of dust.

Respiratory Protection(Specify Type) None needed under normal use condition		
Ventillation	Local Exhaust None needed under normal use condition	Special None needed
	Mechanical(General) Adequate ventilation	Other None needed
Protective Gloves None needed under normal use condition		Eye Protection None needed
Other Protective Clothing or Equipment None needed		
Work/Hygiene Practices Minimize breathing dust. Cleanse skin thoroughly after contact, before breaks and meals, and at the end of work period.		

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The information and recommendations are offered for the user's responsibility to satisfy itself that they are suitable and complete for its particular use.

S.Shimizu
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